

Procon and Rotoflow (Fluid-O-Tech)

Positive Displacement Rotary Vane Pumps: An excellent choice for handling clean fluids such as tire cleaners, presoak chemicals, spot-free RO water, foam brush solutions, oils, syrups, inks, dyes, acids, etc. Unique design handles liquids with low lubricating characteristics at relatively high pressures. Pumps should be protected from matter larger than 125 microns.

Pump Characteristics: Viton® sealing parts for added chemical resistance (1300/1500/1600 & PO300 series) • Replaceable brass or stainless housings • Self-priming • Three-bearing design for pulley or direct drive • Carbon graphite internal vanes, bearings and liner provide no metal to metal contact for long life and quiet operation • Available with relief valves to protect against over pressure (1300/1500/1600 & PO300 series) • Mounting flanges for direct mounting to C-face motors or V-band mounting for “carbonator” motors with “y” frames • Maximum temperature is 150° F. (190° with special seals). Maximum viscosity is 500SSU.

Low Flow Rotary Vane Pumps

Rotary Vane pumps are available for mounting to C-face motors or in “CO” models for V-Band clamp mounting to 48Y frame motors. These series of pumps are also standard with built-in relief valves preset a 170 psi. Viton seals are standard. Nominal speed on all units is 1725 rpm.

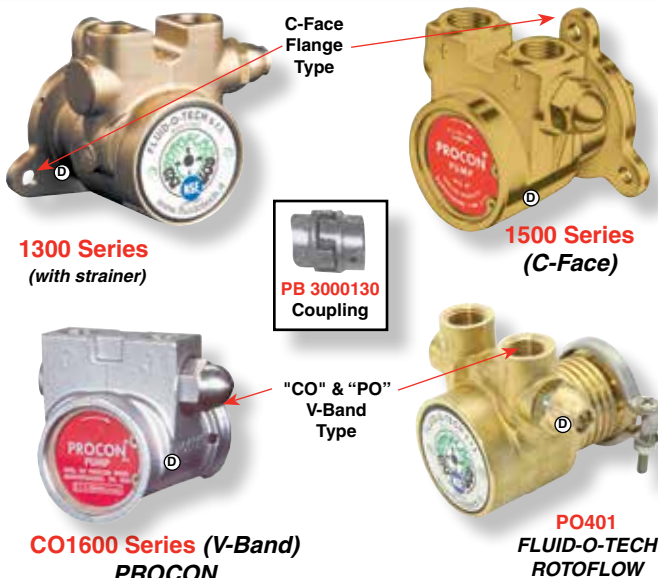
Series 1500: Same specs as 1300 series but does not includes built-in strainer assembly. 3/8" FPT Ports. (Procon Brand).

Series PO301/401/501: Brass body. Flows to 2.70 GPM. Standard with relief valve but is less strainer. Maximum pressure is 200 PSI. Standard in “PO” style with V Band. 3/8" FPT Ports. (RotoFlow Brand).

Series 1600: Stainless Steel pump body. Flows to 1.70 GPM depending on model specified. Maximum pressure is 200 PSI. Available in either “CO” or “C-Face styles. 3/8" FPT Ports. (Procon Brand).

Series PO311/411: Stainless Steel pump body. Flows to 2.30 GPM. Standard with relief valve but is less strainer. Maximum pressure is 200 PSI. Standard in “PO” style. 3/8" FPT Ports. (RotoFlow Brand).

PO800: (Brass) and **PO810** (Stainless) pump bodies. Rated to 4.4 GPM and 200 PSI. Standard in “CO” style with v-band clamps. 1/2" FPT ports. (Rotoflow brand).



Part No.	Body	Maximum Relief		Mount Style	Strainer	Wt.
		Flow Rate	Valve			
PB PO301FXV	Brass	1.7 GPM	Yes	C-Face	Yes	3 lbs.
PB PO301XV	Brass	1.7 GPM	Yes	V-Band	Yes	3 lbs.
PB 1504XLV	Brass	1.7 GPM	Yes	C-Face	No	2.5 lbs.
PB PO301FV	Brass	1.7 GPM	Yes	C-Face	No	2.5 lbs.
PB CO1504XLV	Brass	1.7 GPM	Yes	V-Band	No	3 lbs.
PB 1604XLV	S.S.	1.7 GPM	Yes	C-Face	No	3 lbs.
PB PO311FV	S.S.	1.7 GPM	Yes	C-Face	No	3 lbs.
PB CO1604XLV	S.S.	1.7 GPM	Yes	V-Band	No	3 lbs.
PB PO311V	S.S.	1.8 GPM	Yes	V-Band	No	3 lbs.
PB PO301V	Brass	1.8 GPM	Yes	V-Band	No	3 lbs.
PB PO401	* Brass	2.3 GPM	Yes	V-Band	No	3 lbs.
PB PO401V	Brass	2.3 GPM	Yes	V-Band	No	3 lbs.
PB PO411V	S.S.	2.3 GPM	Yes	V-Band	No	3 lbs.
PB PO501	Brass	2.7 GPM	Yes	V-Band	No	3 lbs.
PB PO501F	Brass	2.7 GPM	Yes	C-Face	No	3 lbs.
PB PO800	Brass	4.3 GPM	No	V-Band	No	4.5 lbs.
PB PO801	Brass	4.3 GPM	Yes	V-Band	No	4.5 lbs.
PB PO810	S.S.	4.3 GPM	No	V-Band	No	4.5 lbs.
PB PO811	S.S.	4.3 GPM	Yes	V-Band	No	6 lbs.
PB PO1001	Brass	5.3 GPM	Yes	V-Band	No	5 lbs.
PB 3000130	Coupling Set, Slotted Shaft to 56C Motors.....					
PB 1113	V-Band Clamps for “CO” Pumps as replacement.....					

* Buna Seal

Carbonator Pump Motors

Designed for close-coupled pump applications. Ideal for compact pump/motor applications. Slotted 5/8" shafts are designed to accept flat-shaft pumps such as Procon or Rotoflow brands.

Specifications: 1-Phase, Open Drip-proof • 1725 RPM • Rated for continuous duty • Automatic overload protection • Frames are 48YZ • Rotation can easily be changed in the field if required.

Part No.	Size	Voltage	Amp Rating	Wt.	Net Ea.
CE 931	1/3 HP	115	7.0	16 lbs.	\$ 120.00
CE 932	1/2 HP	115/230	8.1/4.2	19 lbs.	143.00
CE 933	3/4 HP	115/230	6.0	25 lbs.	228.00

Medium Flow Rotary Vane Pumps

These Pumps are designed for use with C-Face motors and do not include built-in relief valves. Primarily used with RO water in spot-free systems. These pumps feature Buna seals (EP & Viton® optional). Maximum viscosity is 500SSU. Maximum 1725 rpm.

Series 2500 (Procon) and **PO800F** (RotoFlow) pumps feature brass bodies & stainless steel internal parts. Flows to 4.40 GPM. Maximum pressure is 200 PSI. 1/2" FPT Ports. Shaft size is 7/16".

Series 2600 (Procon) and **PO810F** (RotoFlow) pumps feature stainless steel pump bodies and internals. Flows to 4.40 GPM. Maximum pressure is 200 PSI. 1/2" FPT Ports. Shaft size is 7/16"

Series 3600 (Procon) and **PO4100** (RotoFlow) pumps feature stainless steel pump bodies and internals. Flows to 11 GPM. Maximum pressure is 200 PSI. 1" FPT Ports. Shaft size is 5/8".

Part No.	Body	Maximum Relief		Mount Style	Strainer	Wt.
		Flow Rate	Valve			
PB PO800F	Brass	4.3 GPM	No	C-Face	No	4.5 lbs.
PB PO801F	Brass	4.3 GPM	Yes	C-Face	No	4.5 lbs.
PB 2507A	Brass	4.0 GPM	No	C-Face	No	4.5 lbs.
PB PO810F	S.S.	4.3 GPM	No	C-Face	No	4.5 lbs.
PB 2607A	S.S.	4.0 GPM	No	C-Face	No	5 lbs.
PB PO1001F	Brass	5.3 GPM	No	C-Face	No	5 lbs.
PB PO4100	S.S.	11.0 GPM	No	C-Face	No	15 lbs.
PB 3611A	S.S.	11.0 GPM	No	C-Face	No	15 lbs.
PB 1048-1C	Bell Housing for 2500/2600/PO800F/PO810F/PO1001F pumps to 56C motors..					
PB 3207	Bell Housing for 3600 only pump to C-Face motors.....					
PB 3300060	Bell Housing for PO4100 with bolts and Key.....					
PB 3341-1	Bell Housing & Coupling Set, 3600 Series.....					

Note: Other models with different flow rates are available on special order. See coupling section for appropriate drive couplers for above pumps.

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